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\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 SEP 01 New pricing for the Save Answers for SciFinder Wizard within  
STN Express with Discover!  
NEWS 4 OCT 28 KOREAPAT now available on STN  
NEWS 5 NOV 30 PHAR reloaded with additional data  
NEWS 6 DEC 01 LISA now available on STN  
NEWS 7 DEC 09 12 databases to be removed from STN on December 31, 2004  
NEWS 8 DEC 15 MEDLINE update schedule for December 2004  
NEWS 9 DEC 17 ELCOM reloaded; updating to resume; current-awareness  
alerts (SDIs) affected  
NEWS 10 DEC 17 COMPUAB reloaded; updating to resume; current-awareness  
alerts (SDIs) affected  
NEWS 11 DEC 17 SOLIDSTATE reloaded; updating to resume; current-awareness  
alerts (SDIs) affected  
NEWS 12 DEC 17 CERAB reloaded; updating to resume; current-awareness  
alerts (SDIs) affected  
NEWS 13 DEC 17 THREE NEW FIELDS ADDED TO IFIPAT/IFIUDB/IFICDB  
NEWS 14 DEC 30 EPFULL: New patent full text database to be available on STN  
NEWS 15 DEC 30 CAPLUS - PATENT COVERAGE EXPANDED  
NEWS 16 JAN 03 No connect-hour charges in EPFULL during January and  
February 2005  
NEWS 17 JAN 11 CA/CAPLUS - Expanded patent coverage to include Russia  
(Federal Institute of Industrial Property)  
  
NEWS EXPRESS JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005  
  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
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Enter NEWS followed by the item number or name to see news on that  
specific topic.

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FILE 'HOME' ENTERED AT 17:22:25 ON 18 JAN 2005

=> file .agbiotehc

'AGBIOTEHC' IS NOT A VALID FILE NAME

SESSION CONTINUES IN FILE 'HOME'

Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files that are available. If you have requested multiple files, you can specify a corrected file name or you can enter "IGNORE" to continue accessing the remaining file names entered.

=> file .agbiotech

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'CAPLUS' ENTERED AT 17:23:06 ON 18 JAN 2005

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FILE 'CABA' ENTERED AT 17:23:06 ON 18 JAN 2005

COPYRIGHT (C) 2005 CAB INTERNATIONAL (CABI)

FILE 'AGRICOLA' ENTERED AT 17:23:06 ON 18 JAN 2005

FILE 'BIOSIS' ENTERED AT 17:23:06 ON 18 JAN 2005

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=> s agrobacter?

L1 40003 AGROBACTER?

=> s heat and l1

L2 527 HEAT AND L1

=> s centrifug? and l1

L3 155 CENTRIFUG? AND L1

=> s spin and l1

L4 13 SPIN AND L1

=> s heating and centrifuging

L5 1399 HEATING AND CENTRIFUGING

=> l1 and l5

L1 IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.

For a list of commands available to you in the current file, enter

"HELP COMMANDS" at an arrow prompt (=>).

=> s l1 and l5

L6 0 L1 AND L5

=> s (transform or transfer) and l2

L7 68 (TRANSFORM OR TRANSFER) AND L2

=> dup rem l7

PROCESSING COMPLETED FOR L7

L8 46 DUP REM L7 (22 DUPLICATES REMOVED)

=> d 18 1-15

L8 ANSWER 1 OF 46 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2003:690595 CAPLUS  
 DN 139:361722  
 TI **Transfer** of T-DNA and Vir proteins to plant cells by  
**Agrobacterium** tumefaciens induces expression of host genes  
 involved in mediating transformation and suppresses host defense gene  
 expression  
 AU Veena; Jiang, Hongmei; Doerge, R. W.; Gelvin, Stanton B.  
 CS Department of Biological Sciences, Purdue University, West Lafayette, IN,  
 47907-1392, USA  
 SO Plant Journal (2003), 35(2), 219-236  
 CODEN: PLJUED; ISSN: 0960-7412  
 PB Blackwell Publishing Ltd.  
 DT Journal  
 LA English  
 RE.CNT 81 THERE ARE 81 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 2 OF 46 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 2002:977962 CAPLUS  
 DN 138:36240  
 TI Improved efficiency of regeneration of transgenic plants using  
 meristematic or nodal tissue transformed with **Agrobacterium**  
 IN Goldman, Stephen L.; Rudrabhatla, Sairam V.  
 PA University of Toledo, USA  
 SO PCT Int. Appl., 84 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002102979	A2	20021227	WO 2002-US18966	20020614
	WO 2002102979	A3	20040624		
	WO 2002102979	C1	20040729		
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
	CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				
	GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,				
	LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,				
	PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,				
	UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
	RW:				
	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,				
	KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB,				
	GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA,				
	GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	EP 1455568	A2	20040915	EP 2002-742106	20020614
	R:				
	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
	IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	US 2004237133	A1	20041125	US 2003-480865	20031212
PRAI	US 2001-298542P	P	20010615		
	US 2002-356563P	P	20020211		
	WO 2002-US18966	W	20020614		

L8 ANSWER 3 OF 46 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 2002:123232 CAPLUS  
 DN 136:146142  
 TI Improving **Agrobacterium**-mediated plant genetic transformation by  
**heat** treatment and centrifugation  
 IN Hiei, Yukoh; Kasaoka, Keisuke; Ishida, Yuji  
 PA Japan Tobacco Inc., Japan  
 SO PCT Int. Appl., 34 pp.  
 CODEN: PIXXD2  
 DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002012521	A1	20020214	WO 2000-JP5214	20000803
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2386126	AA	20020214	CA 2000-2386126	20000803
	AU 2000063180	A5	20020218	AU 2000-63180	20000803
	EP 1306441	A1	20030502	EP 2000-949977	20000803
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				

PRAI WO 2000-JP5214 W 20000803

RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 4 OF 46 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN

AN 2002:209694 BIOSIS

DN PREV200200209694

TI Expression of the high capacity calcium-binding domain of calreticulin increases bioavailable calcium stores in plants.

AU Wyatt, Sarah E.; Tsou, Pei-Lan; Robertson, Dominique [Reprint author]

CS Department of Botany, North Carolina State University, Raleigh, NC, 27695-7612, USA

niki\_robertson@ncsu.edu

SO Transgenic Research, (February, 2002) Vol. 11, No. 1, pp. 1-10. print. ISSN: 0962-8819.

DT Article

LA English

OS Genbank-AF190454

ED Entered STN: 20 Mar 2002

Last Updated on STN: 10 May 2002

L8 ANSWER 5 OF 46 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2001:880040 CAPLUS

DN 136:163954

TI Elevated temperature differentially affects virulence, VirB protein accumulation, and T-pilus formation in different **Agrobacterium tumefaciens** and **Agrobacterium vitis** strains

AU Baron, Christian; Domke, Natalie; Beinhofer, Michael; Hapfelmeier, Siegfried

CS Institut fur Genetik und Mikrobiologie, Universitat Munchen, Munich, D-80638, Germany

SO Journal of Bacteriology (2001), 183(23), 6852-6861

CODEN: JOBAAY; ISSN: 0021-9193

PB American Society for Microbiology

DT Journal

LA English

RE.CNT 50 THERE ARE 50 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 6 OF 46 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN

AN 2001:428170 BIOSIS

DN PREV200100428170  
TI The differential expression of a **heat** shock promoter in floral  
and reproductive tissues.  
AU Crone, D.; Rueda, J.; Martin, K. L.; Hamilton, D. A.; Mascarenhas, J. P.  
[Reprint author]  
CS Department of Biological Sciences and Centre for Molecular Genetics,  
University at Albany State University of New York, Albany, NY, 12222, USA  
jm558@cnsunix.albany.edu  
SO Plant Cell and Environment, (August, 2001) Vol. 24, No. 8, pp. 869-874.  
print.  
CODEN: PLCEDV. ISSN: 0140-7791.  
DT Article  
LA English  
ED Entered STN: 12 Sep 2001  
Last Updated on STN: 22 Feb 2002

L8 ANSWER 7 OF 46 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 1  
AN 2000:208622 CAPLUS  
DN 133:54465  
TI The antiactivator TraM interferes with the autoinducer-dependent binding  
of TraR to DNA by interacting with the C-terminal region of the  
quorum-sensing activator  
AU Luo, Zhao-Qing; Qin, Yiping; Farrand, Stephen K.  
CS Department of Crop Sciences, University of Illinois at Urbana-Champaign,  
Urbana, IL, 61801, USA  
SO Journal of Biological Chemistry (2000), 275(11), 7713-7722  
CODEN: JBCHA3; ISSN: 0021-9258  
PB American Society for Biochemistry and Molecular Biology  
DT Journal  
LA English  
RE.CNT 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 8 OF 46 AGRICOLA Compiled and distributed by the National  
Agricultural Library of the Department of Agriculture of the United States  
of America. It contains copyrighted materials. All rights reserved.  
(2005) on STN  
AN 2001:870 AGRICOLA  
DN IND22072392  
TI The production of recombinant proteins in transgenic barley grains.  
AU Horvath, H.; Huang, J.; Wong, O.; Kohl, E.; Okita, T.; Kannangara, C.G.;  
Von Wettstein, D.  
SO Proceedings of the National Academy of Sciences of the United States of  
America, Feb 15, 2000. Vol. 97, No. 4. p. 1914-1919  
Publisher: Washington, D.C. : National Academy of Sciences,  
CODEN: PNASA6; ISSN: 0027-8424  
NTE Includes references  
CY District of Columbia; United States  
DT Article; Conference  
FS U.S. Imprints not USDA, Experiment or Extension  
LA English

L8 ANSWER 9 OF 46 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on  
STN  
AN 2000:335375 BIOSIS  
DN PREV200000335375  
TI In vivo analysis of plant promoters and transcription factors by  
agroinfiltration of tobacco leaves.  
AU Yang, Yinong [Reprint author]; Li, Rugang; Qi, Min  
CS Department of Plant Pathology, University of Arkansas, Fayetteville, AR,  
72701, USA  
SO Plant Journal, (June, 2000) Vol. 22, No. 6, pp. 543-551. print.

ISSN: 0960-7412.

DT Article  
LA English  
ED Entered STN: 10 Aug 2000  
Last Updated on STN: 7 Jan 2002

L8 ANSWER 10 OF 46 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN

AN 2000:533011 BIOSIS

DN PREV200000533011

TI Nucleoside diphosphate kinase required for coleoptile elongation in rice.

AU Pan, Ling; Kawai, Maki; Yano, Akira; Uchimiya, Hirofumi [Reprint author]

CS Institute of Molecular and Cellular Biosciences, University of Tokyo, Yayoi 1-1-1, Bunkyo-ku, Tokyo, 113-0032: uchimiya@imcbns.iam.u-tokyo.ac.jp, Japan

SO Plant Physiology (Rockville), (February, 2000) Vol. 122, No. 2, pp. 447-452. print.

CODEN: PLPHAY. ISSN: 0032-0889.

DT Article

LA English

ED Entered STN: 13 Dec 2000

Last Updated on STN: 11 Jan 2002

L8 ANSWER 11 OF 46 CABA COPYRIGHT 2005 CABI on STN

AN 2001:21718 CABA

DN 20003016967

TI Increased thermotolerance of transgenic rice plant by introduction of thermotolerant gene

AU Lee ByungHyun; Won SungHye; Kim KiYong; Lee HyoShin; Jo JinKi; Lee, B. H.; Won, S. H.; Kim, K. Y.; Lee, H. S.; Jo, J. K.

CS College of Agriculture, Kyungpook National University, Taegu 702-701, Korea Republic.

SO Journal of the Korean Society of Grassland Science, (2000) Vol. 20, No. 2, pp. 97-102. 18 ref.

Publisher: Korean Society of Grassland Science. Suwon

ISSN: 1013-9354

CY KOREA REPUBLIC

DT Journal

LA English

ED Entered STN: 20010302

Last Updated on STN: 20010302

L8 ANSWER 12 OF 46 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN

AN 2001:43474 AGRICOLA

DN IND22682260

TI Effect of antisense L-delta1-pyrroline-5-carboxylate reductase transgenic soybean plants subjected to osmotic and drought stress.

AU De Ronde, J.A.; Spreeth, M.H.; Cress, W.A.

AV DNAL (QK745.P56)

SO Plant growth regulation, Sept 2000. Vol. 32 No. 1. p. 13-26

Publisher: Dordrecht : Kluwer Academic Publishers.

CODEN: PGRED3; ISSN: 0167-6903

NTE Includes references

CY Netherlands

DT Article

FS Non-U.S. Imprint other than FAO

LA English

L8 ANSWER 13 OF 46 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1999:21199 CAPLUS  
DN 130:179764  
TI Stability of the **Agrobacterium** tumefaciens VirB10 protein is  
modulated by growth temperature and periplasmic osmoadaption  
AU Banta, Lois M.; Bohne, Jutta; Lovejoy, S. Dawn; Dostal, Kathleen  
CS Department of Biology, Haverford College, Haverford, PA, 19041, USA  
SO Journal of Bacteriology (1998), 180(24), 6597-6606  
CODEN: JOBAAY; ISSN: 0021-9193  
PB American Society for Microbiology  
DT Journal  
LA English  
RE.CNT 88 THERE ARE 88 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 14 OF 46 AGRICOLA Compiled and distributed by the National  
Agricultural Library of the Department of Agriculture of the United States  
of America. It contains copyrighted materials. All rights reserved.  
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AN 1998:48633 AGRICOLA  
DN IND21242068  
TI The use of a thermostable beta-glucanase gene from Clostridium  
thermocellum as a reporter gene in plants.  
AU Piruzian, E.S.; Monzavi-Karbassi, B.; Darbinian, N.S.; Goldenkova, I.V.;  
Kobets, N.S.; Mochulsky, A.V.  
AV DNAL (442.8 Z34)  
SO Molecular & general genetics : MGG, Mar 1998. Vol. 257, No. 5. p. 561-567  
Publisher: Berlin, Germany : Springer-Verlag Berlin.  
CODEN: MGGEAE; ISSN: 0026-8925  
NTE Includes references  
CY Germany  
DT Article  
FS Non-U.S. Imprint other than FAO  
LA English

L8 ANSWER 15 OF 46 AGRICOLA Compiled and distributed by the National  
Agricultural Library of the Department of Agriculture of the United States  
of America. It contains copyrighted materials. All rights reserved.  
(2005) on STN

AN 1998:75987 AGRICOLA  
DN IND21642079  
TI Meiotic stability of transgene expression is unaffected by flanking  
matrix-associated regions.  
AU Conner, A.J.; Mlynarova, L.; Stiekema, W.J.; Nap, J.P.  
CS CPRO-DLO, Wageningen, The Netherlands.  
AV DNAL (QK981.4.M63)  
SO Molecular breeding : new strategies in plant improvement, 1998. Vol. 4,  
No. 1. p. 47-58  
Publisher: Dordrecht ; Boston : Kluwer Academic Publishers, c1995-  
CODEN: MOBRFL; ISSN: 1380-3743  
NTE Includes references  
CY Netherlands  
DT Article  
FS Non-U.S. Imprint other than FAO  
LA English

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(FILE 'HOME' ENTERED AT 17:22:25 ON 18 JAN 2005)

FILE 'CAPLUS, CABA, AGRICOLA, BIOSIS' ENTERED AT 17:23:06 ON 18 JAN 2005

L1 40003 S AGROBACTER?  
L2 527 S HEAT AND L1  
L3 155 S CENTRIFUG? AND L1  
L4 13 S SPIN AND L1  
L5 1399 S HEATING AND CENTRIFUGING  
L6 0 S L1 AND L5  
L7 68 S (TRANSFORM OR TRANSFER) AND L2  
L8 46 DUP REM L7 (22 DUPLICATES REMOVED)

=> d 18 16-30

L8 ANSWER 16 OF 46 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 2  
AN 1998:32978 CAPLUS  
DN 128:151859  
TI Stable transformation of an Arabidopsis cell suspension culture with  
firefly luciferase providing a cellular system for analysis of chaperone  
activity in vivo  
AU Forreiter, Christoph; Kirschner, Marc; Nover, Lutz  
CS Department of Molecular Cell Biology, Goethe University, Frankfurt am  
Main, D-60439, Germany  
SO Plant Cell (1997), 9(12), 2171-2181  
CODEN: PLCEEW; ISSN: 1040-4651  
PB American Society of Plant Physiologists  
DT Journal  
LA English  
RE.CNT 51 THERE ARE 51 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 17 OF 46 AGRICOLA Compiled and distributed by the National  
Agricultural Library of the Department of Agriculture of the United States  
of America. It contains copyrighted materials. All rights reserved.  
(2005) on STN  
AN 1998:40983 AGRICOLA  
DN IND21076951  
TI **Heat** treatment results in a loss of transgene-encoded activities  
in several tobacco lines.  
AU Neumann, K.; Droge-Laser, W.; Kohne, S.; Broer, I.  
AV DNAL (450 P692)  
SO Plant physiology, Nov 1997. Vol. 115, No. 3. p. 939-947  
Publisher: Rockville, MD : American Society of Plant Physiologists, 1926-  
CODEN: PLPHAY; ISSN: 0032-0889  
NTE Includes references  
CY Maryland; United States  
DT Article; Conference  
FS U.S. Imprints not USDA, Experiment or Extension  
LA English

L8 ANSWER 18 OF 46 AGRICOLA Compiled and distributed by the National  
Agricultural Library of the Department of Agriculture of the United States  
of America. It contains copyrighted materials. All rights reserved.  
(2005) on STN  
AN 1998:5682 AGRICOLA  
DN IND20610800



TI The regulatory protein MucR binds to a short DNA region located upstream of the mucR coding region in *Rhizobium meliloti*.  
 AU Bertram-Drogatz, P.A.; Ruberg, S.; Becker, A.; Puhler, A.  
 CS Medizinische Hochschule Hannover, Hannover, Germany.  
 SO Molecular & general genetics : MGG, May 20, 1997. Vol. 254, No. 5. p. 529-538  
 Publisher: Berlin, Germany : Springer-Verlag Berlin.  
 CODEN: MGGEAE; ISSN: 0026-8925  
 NTE Includes references  
 CY Germany  
 DT Article  
 FS Non-U.S. Imprint other than FAO  
 LA English

L8 ANSWER 19 OF 46 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 3  
 AN 1996:23590 CAPLUS  
 DN 124:82364  
 TI The application of chemical mutagenesis and biotechnology to the modification of linseed (*Linum usitatissimum*).  
 AU Rowland, G. G.; McHughen, A.; Gusta, L. V.; Bhatt, R. S.; Mackenzie, S. L.; Taylor, D. C.  
 CS Crop Development Centre, University Saskatchewan, Saskatoon, SK, S7N 5A8, Can.  
 SO Euphytica (1995), 85(1-3), 317-21  
 CODEN: EUPHAA; ISSN: 0014-2336  
 PB Kluwer  
 DT Journal  
 LA English

L8 ANSWER 20 OF 46 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN  
 AN 1994:262615 BIOSIS  
 DN PREV199497275615  
 TI Transformed hairy roots of *Mesembryanthemum crystallinum*: Gene expression patterns upon salt stress.  
 AU Andolfatto, Peter [Reprint author]; Bornhouser, Angela; Bohnert, Hans J.; Thomas, John C.  
 CS Dep. Biochem., Univ. Arizona, Tucson, AZ 85721, USA  
 SO Physiologia Plantarum, (1994) Vol. 90, No. 4, pp. 708-714.  
 CODEN: PHPLAI. ISSN: 0031-9317.  
 DT Article  
 LA English  
 ED Entered STN: 8 Jun 1994  
 Last Updated on STN: 8 Jun 1994

L8 ANSWER 21 OF 46 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 4  
 AN 1994:27188 CAPLUS  
 DN 120:27188  
 TI The regulatory VirA protein of *Agrobacterium tumefaciens* does not function at elevated temperatures  
 AU Jin, Shouguang; Song, Yan Nong; Deng, Wan Yin; Gordon, Milton P.; Nester, Eugene W.  
 CS Dep. Microbiol., Univ. Washington, Seattle, WA, 98195, USA  
 SO Journal of Bacteriology (1993), 175(21), 6830-5  
 CODEN: JOBAAY; ISSN: 0021-9193  
 DT Journal  
 LA English

L8 ANSWER 22 OF 46 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 5  
 AN 1994:70675 CAPLUS  
 DN 120:70675  
 TI Does the ocs-element occur as a functional component of the promoters of

plant genes?

AU Ellis, Jeffrey G.; Tokuhisa, James G.; Llewellyn, Danny J.; Bouchez, David; Singh, Karam; Dennis, Elizabeth S.; Peacock, W. James

CS Div. Plant Ind., CSIRO, Canberra, 2601, Austria

SO Plant Journal (1993), 4(3), 433-443

CODEN: PLJUED; ISSN: 0960-7412

DT Journal

LA English

  

L8 ANSWER 23 OF 46 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN

AN 93:87085 AGRICOLA

DN IND20354873

TI Transgenic tobacco plants with **heat**-inducible IAA synthesis genes.

AU Kares, C.; Depicker, A.; Debreyne, P.; Crouzet, P.; Otten, L.

AV DNAL (S494.5.B563C87)

SO Current plant science and biotechnology in agriculture, 1992. Vol. 13 p. 713-723

Publisher: Dordrecht : Kluwer Academic Publishers.

ISSN: 0924-1949

NTE In the series analytic: Progress in plant growth regulation / edited by C.M. Karssen, L.C. Van Loon and D. Vreugdenhil. Proceedings of the 14th International Conference on Plant Growth Substances held July 21-26, 1991, Amsterdam, Netherlands. Includes references

CY Netherlands

DT Article; Conference

FS Non-U.S. Imprint other than FAO

LA English

  

L8 ANSWER 24 OF 46 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN

AN 1993:113532 BIOSIS

DN PREV199395057632

TI Tissue culture technique and its application in major agronomic crops.

AU Tsay, Hsin-Sheng

CS Dep. Agron., Taiwan Agric. Res. Inst., Wufeng, Taichung, Taiwan 41301, taiwan

SO Journal of the Agricultural Association of China New Series, (1992) Vol. 0, No. 158, pp. 1-18.

ISSN: 0300-550X.

DT Article

LA Chinese

ED Entered STN: 27 Feb 1993

Last Updated on STN: 27 Feb 1993

  

L8 ANSWER 25 OF 46 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 6

AN 1992:122605 CAPLUS

DN 116:122605

TI PEG-mediated transformation of leaf protoplasts of Solanum tuberosum L. cultivars

AU Feher, A.; Felfoldi, K.; Preiszner, J.; Dudits, D.

CS Inst. Plant Physiol., Hung. Acad. Sci., Szeged, H-6701, Hung.

SO Plant Cell, Tissue and Organ Culture (1991), 27(1), 105-14

CODEN: PTCEDJ; ISSN: 0167-6857

DT Journal

LA English

  

L8 ANSWER 26 OF 46 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 7

AN 1990:474568 CAPLUS  
DN 113:74568  
TI Corn metabolites affect growth and virulence of **Agrobacterium**  
tumefaciens  
AU Sahi, Shivendra V.; Chilton, Mary Dell; Chilton, William Scott  
CS Dep. Bot., North Carolina State Univ., Raleigh, NC, 27695-7612, USA  
SO Proceedings of the National Academy of Sciences of the United States of  
America (1990), 87(10), 3879-83  
CODEN: PNASA6; ISSN: 0027-8424  
DT Journal  
LA English

L8 ANSWER 27 OF 46 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 8  
AN 1991:76335 CAPLUS  
DN 114:76335  
TI **Heat**-inducible hygromycin resistance in transgenic tobacco  
AU Severin, Klaus; Schoeffl, Fritz  
CS Fak. Biol., Univ. Bielefeld, Bielefeld, 4800, Germany  
SO Plant Molecular Biology (1990), 15(6), 827-33  
CODEN: PMBIDB; ISSN: 0167-4412  
DT Journal  
LA English

L8 ANSWER 28 OF 46 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1990:625709 CAPLUS  
DN 113:225709  
TI IAA synthesis and root induction with iaa genes under **heat** shock  
promoter control  
AU Kares, Christa; Prinsen, Els; Van Onckelen, Henri; Otten, Leon  
CS Inst. Biol. Mol. Plant., CNRS, Strasbourg, F-67084, Fr.  
SO Plant Molecular Biology (1990), 15(2), 225-36  
CODEN: PMBIDB; ISSN: 0167-4412  
DT Journal  
LA English

L8 ANSWER 29 OF 46 CABA COPYRIGHT 2005 CABI on STN  
AN 90:133374 CABA  
DN 19901616744  
TI Cell culture and somatic cell genetics of plants. Volume 6. Molecular  
biology of plant nuclear genes  
AU Schell, J. [EDITOR]; Vasil, I. K. [EDITOR]  
CS Max-Planck-Institut fur Zuchtforschung, 5000 Cologne, German Federal  
Republic.  
SO Cell culture and somatic cell genetics of plants. Volume 6. Molecular  
biology of plant nuclear genes, (1989) pp. xxvi + 494. ref. at ends of  
chapters.  
Publisher: Academic Press Inc. San Diego, CA  
Price: <pounds>57.00.  
ISBN: 0-12-715006-4  
CY United States  
DT Book  
LA English  
ED Entered STN: 19941101  
Last Updated on STN: 19941101

L8 ANSWER 30 OF 46 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1987:612968 CAPLUS  
DN 107:212968  
TI Gene **transfer** vector  
IN Puehler, Alfred; Simon, Reinhard  
PA Lubrizol Genetics, Inc., USA  
SO U.S., 12 pp.

CODEN: USXXAM

DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4686184	A	19870811	US 1983-510296	19830701
PRAI	US 1983-510296		19830701		

=> d 18 31-46

L8 ANSWER 31 OF 46 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1987:572590 CAPLUS

DN 107:172590

TI State of chromatin during early stages of dedifferentiation and tumor transformation in Jerusalem artichoke tissue in vitro

AU Sarnatskaya, V. V.; Kalinin, F. L.; Gladun, A. A.; Yavorskaya, V. K.; Zheltonozhskaya, L. V.; Kolomiets, M. P.; Matveeva, N. P.; Ermakov, I. P.

CS Inst. Fiziol. Rast., Kiev, 252127, USSR

SO Fiziologiya i Biokhimiya Kul'turnykh Rastenii (1987), 19(4), 357-63

CODEN: FBKRAT; ISSN: 0532-9310

DT Journal

LA Russian

L8 ANSWER 32 OF 46 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1988:125330 CAPLUS

DN 108:125330

TI Direct gene **transfer** to protoplasts of dicotyledonous and monocotyledonous plants by a number of methods, including electroporation

AU Shillito, Raymond D.; Potrykus, Ingo

CS Biotechnol. Res., CIBA-GEIGY Corp., Research Triangle Park, NC, 27709, USA

SO Methods in Enzymology (1987), 153(Recomb. DNA, Pt. D), 313-36

CODEN: MENZAU; ISSN: 0076-6879

DT Journal; General Review

LA English

L8 ANSWER 33 OF 46 CABA COPYRIGHT 2005 CABI on STN

AN 87:92839 CABA

DN 19871664763

TI Regulation of gene expression in higher plants

AU Kuhlemeier, C.; Green, P. J.; Chua, N. H.

CS Lab. Pl. Molec. Biol., Rockefeller Univ., 1230 York Avenue, New York, NY 10021-6399, USA..

SO Annual Review of Plant Physiology, (1987) Vol. 38, pp. 221-257. 236 ref.

DT Journal

LA English

ED Entered STN: 19941101

Last Updated on STN: 19941101

L8 ANSWER 34 OF 46 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 9

AN 1987:44676 CAPLUS

DN 106:44676

TI The expression of **heat**-shock genes in higher plants

AU Schoeffl, F.; Baumann, G.; Raschke, E.; Bevan, M.

CS Fak. Biol., Univ. Bielefeld, Bielefeld, D-4800/1, Fed. Rep. Ger.

SO Philosophical Transactions of the Royal Society of London, Series B:

Biological Sciences (1986), 314(1166), 453-68

CODEN: PTRBAE; ISSN: 0080-4622

DT Journal; General Review

LA English

L8 ANSWER 35 OF 46 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 10  
 AN 1986:82810 CAPLUS  
 DN 104:82810  
 TI A plant cell factor induces **Agrobacterium tumefaciens** vir gene expression.  
 AU Stachel, Scott E.; Nester, Eugene W.; Zambryski, Patricia C.  
 CS Dep. Microbiol. Immunol., Univ. Washington, Seattle, WA, 98195, USA  
 SO Proceedings of the National Academy of Sciences of the United States of America (1986), 83(2), 379-83  
 CODEN: PNASA6; ISSN: 0027-8424  
 DT Journal  
 LA English

L8 ANSWER 36 OF 46 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1986:181124 CAPLUS  
 DN 104:181124  
 TI **Heat** shock promoter and gene  
 IN Key, Joe L.; Gurley, William B.; Nagao, Ronald T.; Schoeffl, Friedrich; Czarnecka, Eva  
 PA Agrigenetics Research Associates Ltd., USA  
 SO Eur. Pat. Appl., 52 pp.  
 CODEN: EPXXDW  
 DT Patent  
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 159884	A2	19851030	EP 1985-302593	19850412
	EP 159884	A3	19871125		
	EP 159884	B1	19930210		
	R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
	US 5447858	A	19950905	US 1984-599993	19840413
	CA 1338010	A1	19960130	CA 1985-478916	19850411
	JP 60248176	A2	19851207	JP 1985-79127	19850412
	AT 85650	E	19930215	AT 1985-302593	19850412
	JP 07075567	A2	19950320	JP 1994-73623	19940412
PRAI	US 1984-599993	A	19840413		
	EP 1985-302593	A	19850412		

L8 ANSWER 37 OF 46 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1985:499737 CAPLUS  
 DN 103:99737  
 TI Octopine T-DNA promoters  
 IN Barker, Richard F.; Kemp, John D.  
 PA Agrigenetics Research Associates Ltd., USA  
 SO Eur. Pat. Appl., 87 pp.  
 CODEN: EPXXDW

DT Patent  
 LA English

FAN.CNT 7

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 145338	A1	19850619	EP 1984-307969	19841116
	EP 145338	B1	19910403		
	R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
	ZA 8408631	A	19850626	ZA 1984-8631	19841105
	AU 8435636	A1	19850523	AU 1984-35636	19841116
	AU 579331	B2	19881124		
	BR 8405897	A	19850917	BR 1984-5897	19841116
	AT 62271	E	19910415	AT 1984-307969	19841116
	JP 60256383	A2	19851218	JP 1984-244307	19841119
	JP 07108223	B4	19951122		

	JP 2001190289	A2	20010717	JP 2000-356816	19841119
	US 5428147	A	19950627	US 1993-91538	19930713
	JP 06339385	A2	19941213	JP 1994-99365	19940412
	JP 3164731	B2	20010508		
	US 6090627	A	20000718	US 1995-458332	19950602
	US 6111070	A	20000829	US 1995-459449	19950602
PRAI	US 1983-553786	A	19831118		
	US 1983-485614	B1	19830415		
	US 1983-535354	B2	19830924		
	EP 1984-307969	A	19841116		
	JP 1994-99365	A3	19841119		
	US 1986-848733	B2	19860404		
	US 1988-144775	A1	19880120		
	US 1988-260574	B1	19881021		
	US 1989-440432	B1	19891121		
	US 1991-713624	A1	19910610		
	US 1991-741034	B1	19910806		
	US 1992-869216	B1	19920413		
	US 1993-91538	A1	19930713		

L8 ANSWER 38 OF 46 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 11  
 AN 1985:536397 CAPLUS  
 DN 103:136397  
 TI Thermo-induced transcripts of a soybean **heat**-shock gene after **transfer** into sunflower using a Ti plasmid vector  
 AU Schoeffl, Fritz; Baumann, Goetz  
 CS Fak. Biol., Univ. Bielefeld, Bielefeld, D-4800/1, Fed. Rep. Ger.  
 SO EMBO Journal (1985), 4(5), 1119-24  
 CODEN: EMJODG; ISSN: 0261-4189  
 DT Journal  
 LA English

L8 ANSWER 39 OF 46 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN  
 AN 1986:132500 BIOSIS  
 DN PREV198681042916; BA81:42916  
 TI HIGH EFFICIENCY DIRECT GENE **TRANSFER** TO PLANTS.  
 AU SHILLITO R D [Reprint author]; SAUL M W; PASZKOWSKI J; MULLER M; POTRYKUS I  
 CS FRIEDRICH MIESCHER INST, PO BOX 2543, CH-4002 BASEL, SWITZ  
 SO Bio-Technology (New York), (1985) Vol. 3, No. 12, pp. 1099-1103.  
 CODEN: BTCHDA. ISSN: 0733-222X.  
 DT Article  
 FS BA  
 LA ENGLISH  
 ED Entered STN: 25 Apr 1986  
 Last Updated on STN: 25 Apr 1986

L8 ANSWER 40 OF 46 CABA COPYRIGHT 2005 CABI on STN  
 AN 87:67281 CABA  
 DN 19871662955  
 TI **Transfer** and regulation of expression of chimeric genes in plants  
 AU Schell, J.; Kaulen, H.; Kreuzaler, F.; Eckes, P.; Rosahl, S.; Willmitzer, L.; Spena, A.; Baker, B.; Herrera-Estrella, L.; Fedoroff, N.  
 CS Max-Planck-Inst. fur Zuchtungsforschung, 5000 Koln 30, German Federal Republic.  
 SO Cold Spring Harbor Symposia on Quantitative Biology, (1985) Vol. 50, pp. 421-431. 36 ref.  
 ISSN: 0091-7451  
 DT Journal  
 LA English

ED Entered STN: 19941101  
Last Updated on STN: 19941101

L8 ANSWER 41 OF 46 CABA COPYRIGHT 2005 CABI on STN  
AN 85:31257 CABA  
DN 19851638154  
TI The genetic manipulation of plants and its application to agriculture  
AU Lea, P. J. [EDITOR]; Stewart, G. R. [EDITOR]  
SO Annual Proceedings of the Phytochemical Society of Europe, (1984) Vol. 23,  
pp. ix + 318. fig., tab. many ref.  
ISBN: 0-19-854152-X  
DT Conference  
LA English  
ED Entered STN: 19941101  
Last Updated on STN: 19941101

L8 ANSWER 42 OF 46 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 12  
AN 1981:61948 CAPLUS  
DN 94:61948  
TI Elaboration of cellulose fibrils by *Agrobacterium tumefaciens*  
during attachment to carrot cells  
AU Matthysse, Ann G.; Holmes, Kathryn V.; Gurlitz, Robin H. G.  
CS Dep. Bot., Univ. North Carolina, Chapel Hill, NC, 27514, USA  
SO Journal of Bacteriology (1981), 145(1), 583-95  
CODEN: JOBAA; ISSN: 0021-9193  
DT Journal  
LA English

L8 ANSWER 43 OF 46 CABA COPYRIGHT 2005 CABI on STN DUPLICATE 13  
AN 79:59695 CABA  
DN 19781346795  
TI Tumor initiation complementation on bean leaves by mixtures of tumorigenic  
and nontumorigenic *Agrobacterium rhizogenes*  
AU Lippincott, J. A.; Lippincott, B. B.  
CS Northwestern Univ., Evanston, Ill., USA.  
SO Phytopathology, (1978) Vol. 68, No. 3, pp. 365-370. 2 fig., 5 tab. 16 ref.  
ISSN: 0031-949X  
DT Journal  
LA English  
ED Entered STN: 19941101  
Last Updated on STN: 19941101

L8 ANSWER 44 OF 46 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on  
STN  
AN 1975:61119 BIOSIS  
DN PREV197511061119; BR11:61119  
TI **TRANSFER OF THE TUMOR INDUCING FACTOR IN AGROBACTERIUM**  
**-TUMEFACIENS.**  
AU HAMILTON R H; CHOPAN M N  
SO Biochemical and Biophysical Research Communications, (1975) Vol. 63, No.  
1, pp. 349-354.  
CODEN: BBRCA9. ISSN: 0006-291X.  
DT Article  
FS BR  
LA Unavailable

L8 ANSWER 45 OF 46 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1963:430358 CAPLUS  
DN 59:30358  
OREF 59:5520c-e  
TI Transamination by microorganisms. II. Fractionation of bacterial  
transaminases and their properties.

AU Katagiri, Hideo; Soda, Kenji; Tochikura, Tatsurokuro  
CS Univ. Kyoto, Japan  
SO Nippon Nogei Kagaku Kaishi (1960), 34, 819-24  
CODEN: NNKKAA; ISSN: 0002-1407  
DT Journal  
LA Unavailable

L8 ANSWER 46 OF 46 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on  
STN

AN 1986:427819 BIOSIS

DN PREV198631093631; BR31:93631

TI **TRANSFER** AND REGULATION OF EXPRESSION OF CHIMERIC GENES IN  
PLANTS.

AU SCHELL J [Reprint author]; KAULEN H; KREUZALER F; ECKES P; ROSAHL S;  
WILLMITZER L; SPENA A; BAKER B; HERRERA-ESTRELLA L; FEDOROFF N

CS MAX-PLANCK-INST ZUECHTUNGSFORSCHUNG, 50000 KOELN 30, FRG

SO Cold Spring Harbor Symp. Quant. Biol., pp. 421-432. COLD SPRING HARBOR  
LABORATORY. COLD SPRING HARBOR SYMPOSIA ON QUANTITATIVE BIOLOGY, VOL. L.  
MOLECULAR BIOLOGY OF DEVELOPMENT; MEETING, COLD SPRING HARBOR, N.Y., USA,  
1985. XXIII+920P. COLD SPRING HARBOR LABORATORY: COLD SPRING HARBOR, N.Y.,  
USA. ILLUS. 1985 (RECD. 1986).

Publisher: Series: Cold Spring Harbor Symposia on Quantitative Biology.  
CODEN: CSHSAZ. ISSN: 0091-7451. ISBN: 0-87969-051-8(PAPER),  
0-87969-050-X(CLOTH).

DT Book  
Conference; (Meeting)

FS BR

LA ENGLISH

ED Entered STN: 25 Oct 1986

Last Updated on STN: 25 Oct 1986



PI JP 2000342255 A2 20001212 JP 1999-158024 19990604  
PRAI JP 1999-158024 19990604

L10 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2000:866311 CAPLUS

DN 134:1335

TI Improved **Agrobacterium**-mediated plant genetic transformation by  
**heat** treatment and **centrifugation**

IN Hiei, Yukoh; Kasaoka, Keisuke; Ishida, Yuji

PA Japan Tobacco, Inc., Japan

SO Jpn. Kokai Tokkyo Koho, 16 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	JP 2000342253	A2	20001212	JP 1999-158026	19990604
PRAI	JP 1999-158026		19990604		

L10 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2004:843897 CAPLUS

DN 142:2700

TI Preparation of thermostable d-hydantoinase which is soluble in host cell

IN Kim, Hak Sung; Sung, Moon Hee; Lee, Seung Koo; Hong, Seung Pyo; Lee, Dong Chol

PA Dongseo Petrochemical Co., Ltd, S. Korea

SO Repub. Korea, No pp. given

CODEN: KRXXFC

DT Patent

LA Korean

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	KR 148468	B1	19981015	KR 1995-6592	19950327
PRAI	KR 1995-6592		19950327		

L10 ANSWER 6 OF 10 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on  
STN

AN 1993:414455 BIOSIS

DN PREV199396080180

TI Studies on the blanching of protoplast from *Aspergillus niger*.

AU Zhang, Zhiguang; Zhang, Tianxiao; Huo, Dingjun

CS Dep. Biology, China

SO Acta Scientiarum Naturalium Universitatis Normalis Hunanensis, (1993) Vol.  
16, No. 1, pp. 68-71.

ISSN: 1000-2537.

DT Article

LA Chinese

ED Entered STN: 8 Sep 1993

Last Updated on STN: 8 Sep 1993

L10 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1989:5049 CAPLUS

DN 110:5049

TI Lectin and method for the extraction thereof from scallop

IN Brown, Robert George; Gill, Sikander Singh

PA Medicarb AB, Swed.

SO PCT Int. Appl., 28 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 8804303	A1	19880616	WO 1987-SE577	19871203
	W: AU, DK, FI, JP, NO				
	RW: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE				
	AU 8810447	A1	19880630	AU 1988-10447	19871203
	AU 603411	B2	19901115		
	EP 344159	A1	19891206	EP 1988-900149	19871203
	R: AT, BE, CH, DE, FR, GB, IT, LI, NL, SE				
	JP 02501572	T2	19900531	JP 1988-500426	19871203
	NO 8803548	A	19880810	NO 1988-3548	19880810
	DK 8804460	A	19881011	DK 1988-4460	19880810
	FI 8902848	A	19890609	FI 1989-2848	19890609
PRAI	CA 1986-525121	A	19861211		
	WO 1987-SE577	A	19871203		

L10 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1976:132392 CAPLUS

DN 84:132392

TI Purification of the *Agrobacterium radiobacter* 84 agrocin

AU Heip, J.; Chatterjee, G. C.; Vandekerckhove, J.; Van Montagu, M.; Schell, J.

CS Lab. Genet. Histol., Rijksuniv. Gent, Ghent, Belg.

SO Archives Internationales de Physiologie et de Biochimie (1975), 83(5), 974-6

CODEN: AIPBAY; ISSN: 0003-9799

DT Journal

LA English

L10 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1972:2564 CAPLUS

DN 76:2564

TI Fermentative manufacture of heat gelatinizable  $\beta$ -1,3-glucan

IN Kimura, Hiroshi; Sato, Shigehiko; Nakagawa, Tatuo; Nakatani, Hiromi; Matsukura, Akihiko; Suzuki, Takashi; Asai, Mitsuko; Kanamaru, Tsuneo; Shibata, Motoo; Yamatodani, Saburo

PA Takeda Chemical Industries, Ltd.

SO Ger. Offen., 44 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2114066	A	19711007	DE 1971-2114066	19710323
	JP 48032673	B4	19731008	JP 1970-24696	19700324
	JP 48015620	B4	19730516	JP 1970-29533	19700407
	JP 48032674	B4	19731008	JP 1970-29534	19700407
	ZA 7101771	A	19711229	ZA 1971-1771	19710318
	US 3754925	A	19730828	US 1971-126999	19710322
	FR 2085025	A5	19711217	FR 1971-10184	19710323
	ES 389475	A1	19740416	ES 1971-389475	19710323
	BE 764772	A1	19710924	BE 1971-101365	19710324
	NL 7103987	A	19710928	NL 1971-3987	19710324
	NL 174846	B	19840316		
	NL 174846	C	19840816		
	CH 557424	A	19741231	CH 1971-4264	19710324
	CA 990673	A1	19760608	CA 1971-108563	19710324
	GB 1352938	A	19740515	GB 1971-25858	19710419
	US 3822250	A	19740702	US 1972-266747	19720627
PRAI	JP 1970-24696	A	19700324		

JP 1970-29533	A	19700407
JP 1970-29534	A	19700407
US 1971-126999	A	19710322

L10 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1965:45275 CAPLUS  
DN 62:45275  
OREF 62:8069a-d  
TI The activation of Escherichia coli ADP-glucose pyrophosphorylase  
AU Preiss, , Jack; Shen, Laura; Partridge, Marian  
CS Univ. of California, Davis  
SO Biochemical and Biophysical Research Communications (1965), 18(2), 180-5  
CODEN: BBRCA9; ISSN: 0006-291X  
DT Journal  
LA English

=> d his

(FILE 'HOME' ENTERED AT 17:22:25 ON 18 JAN 2005)

FILE 'CAPLUS, CABA, AGRICOLA, BIOSIS' ENTERED AT 17:23:06 ON 18 JAN 2005

L1	40003 S AGROBACTER?
L2	527 S HEAT AND L1
L3	155 S CENTRIFUG? AND L1
L4	13 S SPIN AND L1
L5	1399 S HEATING AND CENTRIFUGING
L6	0 S L1 AND L5
L7	68 S (TRANSFORM OR TRANSFER) AND L2
L8	46 DUP REM L7 (22 DUPLICATES REMOVED)
L9	10 S L2 AND L3
L10	10 DUP REM L9 (0 DUPLICATES REMOVED)

# Refine Search

## Search Results -

Terms	Documents
(transfor\$ or transgen\$) and L17	1940

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L18

Refine Search

Recall Text

Clear

Interrupt

## Search History

 DATE: Tuesday, January 18, 2005    [Printable Copy](#)    [Create Case](#)

### Set Name Query

side by side

### Hit Count Set Name

result set

DB=USPT; PLUR=YES; OP=OR

<u>L18</u>	(transfor\$ or transgen\$) and L17	1940	<u>L18</u>
<u>L17</u>	centrifugation and L16	2045	<u>L17</u>
<u>L16</u>	(heat shock) and Agrobacter\$	3528	<u>L16</u>
<u>L15</u>	centrifug\$ and L14	0	<u>L15</u>
<u>L14</u>	heat and L13	1	<u>L14</u>
<u>L13</u>	6420630.pn.	1	<u>L13</u>
<u>L12</u>	centrifug\$ and L11	1	<u>L12</u>
<u>L11</u>	heat and L10	1	<u>L11</u>
<u>L10</u>	6162965.pn.	1	<u>L10</u>
<u>L9</u>	(transfor\$ or transgen\$) and L8	87	<u>L9</u>
<u>L8</u>	heat and L7	87	<u>L8</u>
<u>L7</u>	centrifuge same plant and l1	171	<u>L7</u>
<u>L6</u>	centrifuge near plant	18	<u>L6</u>
<u>L5</u>	centrifuge near plant and l3	0	<u>L5</u>

<u>L4</u>	centrifuge near plant and l1	0	<u>L4</u>
<u>L3</u>	centrifug\$ and L2	2167	<u>L3</u>
<u>L2</u>	heat and L1	3307	<u>L2</u>
<u>L1</u>	agrobacter\$	5895	<u>L1</u>

END OF SEARCH HISTORY

## Refine Search

### Search Results -

Terms	Documents
100G and L16	3

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

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#### Set Name Query

side by side

#### Hit Count Set Name

result set

*DB=USPT; PLUR=YES; OP=OR*

<u>L19</u>	100G and l16	3	<u>L19</u>
<u>L18</u>	(transfor\$ or transgen\$) and L17	1940	<u>L18</u>
<u>L17</u>	centrifugation and L16	2045	<u>L17</u>
<u>L16</u>	(heat shock) and Agrobacter\$	3528	<u>L16</u>
<u>L15</u>	centrifug\$ and L14	0	<u>L15</u>
<u>L14</u>	heat and L13	1	<u>L14</u>
<u>L13</u>	6420630.pn.	1	<u>L13</u>
<u>L12</u>	centrifug\$ and L11	1	<u>L12</u>
<u>L11</u>	heat and L10	1	<u>L11</u>
<u>L10</u>	6162965.pn.	1	<u>L10</u>
<u>L9</u>	(transfor\$ or transgen\$) and L8	87	<u>L9</u>
<u>L8</u>	heat and L7	87	<u>L8</u>
<u>L7</u>	centrifuge same plant and l1	171	<u>L7</u>
<u>L6</u>	centrifuge near plant	18	<u>L6</u>

<u>L5</u>	centrifuge near plant and l3	0	<u>L5</u>
<u>L4</u>	centrifuge near plant and l1	0	<u>L4</u>
<u>L3</u>	centrifug\$ and L2	2167	<u>L3</u>
<u>L2</u>	heat and L1	3307	<u>L2</u>
<u>L1</u>	agrobacter\$	5895	<u>L1</u>

END OF SEARCH HISTORY

## Refine Search

### Search Results -

Terms	Documents
100G and L16	3

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:






### Search History

DATE: Tuesday, January 18, 2005    [Printable Copy](#)    [Create Case](#)

#### Set Name Query

side by side

#### Hit Count Set Name

result set

*DB=USPT; PLUR=YES; OP=OR*

<u>L19</u>	100G and L16	3	<u>L19</u>
<u>L18</u>	(transfor\$ or transgen\$) and L17	1940	<u>L18</u>
<u>L17</u>	centrifugation and L16	2045	<u>L17</u>
<u>L16</u>	(heat shock) and Agrobacter\$	3528	<u>L16</u>
<u>L15</u>	centrifug\$ and L14	0	<u>L15</u>
<u>L14</u>	heat and L13	1	<u>L14</u>
<u>L13</u>	6420630.pn.	1	<u>L13</u>
<u>L12</u>	centrifug\$ and L11	1	<u>L12</u>
<u>L11</u>	heat and L10	1	<u>L11</u>
<u>L10</u>	6162965.pn.	1	<u>L10</u>
<u>L9</u>	(transfor\$ or transgen\$) and L8	87	<u>L9</u>
<u>L8</u>	heat and L7	87	<u>L8</u>
<u>L7</u>	centrifuge same plant and L1	171	<u>L7</u>
<u>L6</u>	centrifuge near plant	18	<u>L6</u>



<u>L5</u>	centrifuge near plant and l3	0	<u>L5</u>
<u>L4</u>	centrifuge near plant and l1	0	<u>L4</u>
<u>L3</u>	centrifug\$ and L2	2167	<u>L3</u>
<u>L2</u>	heat and L1	3307	<u>L2</u>
<u>L1</u>	agrobacter\$	5895	<u>L1</u>

END OF SEARCH HISTORY